

# ABSTRACT OF THE DISCLOSURE

5 A chemical solution preparation apparatus for preparing  
a chemical solution from chemical gas of an industrial  
chemical grade. A dissolution unit dissolves the chemical  
gas in pure water, which is contained in a tank. A gas  
discharge control unit controls the amount of chemical gas  
discharged from the dissolution unit. A liquid discharge  
discharges a predetermined amount of the chemical solution  
10 from the tank. At least one of the gas discharge control  
unit and the liquid discharge control unit are operated at  
substantially the same time as the dissolution unit.

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